

THE URBAN DISTRICT COUNCIL OF CONNAH'S QUAY.

ANNUAL REPORT OF THE MEDICAL OFFICER
OF HEALTH AND PUBLIC HEALTH INSPECTOR.

For the Year Ended
31st December, 1965.

Public Health Department,
Council Offices,
Civic Centre,
Wepre Drive,
CONNAH'S QUAY.

26th August, 1966.

To the Chairman and Members of
THE URBAN DISTRICT COUNCIL OF CONNAH'S QUAY.

Lady and Gentlemen,

I have the honour to present to you my Annual Report on the health of the Connah's Quay Urban District for the year, 1965.

The estimated population for mid-year 1965 is 9,390 an increase of 600 on the figure for 1964. The birth and death rates are based on this estimated mid-year population.

For estimating birth and death rates for comparison with rates from other Districts and the rates for England and Wales, a comparability factor is given by the Registrar General, allowance being made for the age and sex distribution in the District. This factor in 1965 being 0.92 for births and 1.54 for deaths.


The total number of births during 1965 was 205 giving an adjusted birth rate of 20.1 per 1,000 population, as compared with a rate of 19.2 in 1964 and with the birth rate of 18.1 for England and Wales for 1965.

The number of deaths during the year was 75 as compared with 88 in 1964 giving a death rate of 12.3 per 1,000 population as compared with a rate of 15.5 for the District in 1964 and a rate of 11.5 for England and Wales for the year under review.

There were 6 deaths of infants under 1 year of age during 1965, giving a rate of 29.3 per 1,000 live births, compared with a rate of 19.0 per 1,000 live births for England and Wales during the year, and a rate of 21.7 per 1,000 live births in this District during 1964.

There were again no deaths from Diphtheria or Polio, and it should again be stressed that immunisation against these diseases is still a "must" so that this record can continue.

Of the 75 deaths during the year, 31 occurred from disease of the heart and circulatory system, i.e., 41.3% of all deaths. Cancer accounted for 16 deaths, i.e., 21.3% of all deaths. Bronchitis, Pneumonia and other respiratory diseases accounted for 7 deaths, i.e., 9.3% of all deaths. So that these 3 main groups of disease i.e., disease of the heart and circulatory system, cancer and respiratory infections accounted for 72% of the deaths. Of these deaths 40 or 53.3% were aged over 65 years at death.



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There were no deaths from pulmonary tuberculosis compared with a death rate for England and Wales of 42 per 1,000,000 population for respiratory tuberculosis and 6 per 1,000,000 population for other forms of tuberculosis.

There were 5 deaths due to cancer of the lungs and bronchus, giving a death rate of 532 per 1,000,000 population compared with a rate of 553 per 1,000,000 population for England and Wales; and 11 deaths from other forms of cancer, giving a death rate of 1,171 per 1,000,000 population compared with a death rate of 1,674 per 1,000,000 population for England and Wales.

There was no decrease in the fresh cases of tuberculosis notified during the year 4 in 1964 and 4 in the year under review, and during 1965 notifications were received of 17 cases of measles and 6 cases of scarlet fever.

The milk, ice-cream/^{water} and swimming bath samples taken during the year were satisfactory.

In conclusion, I must thank all members of the Health Committee for their support, and in particular your Chairman Councillor Mr. Morley Thomas, M.B.E., J.P. It will be recalled that Doctor A. Cathcart retired in July, 1965 having been Medical Officer since, 1949. I succeeded him in July and since then I have had every support from your officers. Your Clerk Mr. L. Williams has been most helpful and friendly and I owe much to him and to Mr. C. Stoddard, Public Health Inspector, for the smooth running of the Health Department. Mr. F. Graham, Additional Public Health Inspector and Mrs. Jean Roberts, Clerk/Typist, have both been of great assistance to me during the year and I am grateful for their good work.

I am, Lady and Gentlemen,
Your Obedient Servant,

D.J. FRASER.

Medical Officer of Health.

SECTION A.
STATISTICS & SOCIAL CONDITIONS OF THE AREA.

Area	4,218 acres.
Population	9,390.
Rateable Value	£1,719,204.
Product of Penny Rate	£5,494.

SOCIAL CONDITIONS.

The Urban District of Connah's Quay is on the South West Bank of the River Dee.

The climate is temperate in all seasons, making the winter somewhat mild and giving the district a healthy aspect.

There is very little unemployment in the district.

VITAL STATISTICS.

	<u>1962.</u>		<u>1963.</u>		<u>1964.</u>		<u>1965.</u>	
	M.	F.	M.	F.	M.	F.	M.	F.
Live Births	176		196		184		205	
Legitimate	89	81	102	91	94	85	96	103
Illegitimate	1	5	2	1	4	1	1	5

BIRTH RATE PER 1,000 POPULATION.

Connah's Quay,	19.2	20.6	19.2	20.1
England & Wales.	18.0	18.2	18.4	18.1

STILL BIRTHS - RATE PER 1,000 LIVE & STILL BIRTHS.

Connah's Quay	22.2	15.1	26.5	14.4
England & Wales.	18.1	17.2	16.3	15.7

DEATH RATE OF INFANTS UNDER 1 YEAR PER 1,000 LIVE BIRTHS.

Connah's Quay.	11.4	20.4	21.7	29.3
England & Wales.	21.6	21.1	20.0	19.0

DEATHS FROM ALL CAUSES.

Total.	81	74	88	75
Connah's Quay - Rate.	13.1	13.1	15.5	12.3
England & Wales - Rate.	11.9	12.2	11.3	11.5

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COMPARATIVE TABLE OF BIRTH RATES.

<u>YEAR.</u>	<u>CONNAH'S QUAY.</u>	<u>ENGLAND & WALES.</u>
1960	21.4	17.1
1961	20.6	17.4
1962	19.2	18.0
1963	21.8	18.2
1964	19.2	18.4
1965	20.1	18.1

COMPARATIVE TABLE OF DEATH RATES.

<u>YEAR.</u>	<u>CONNAH'S QUAY.</u>	<u>ENGLAND & WALES.</u>
1960	13.2	11.5
1961	12.5	11.9
1962	13.1	11.9
1963	13.1	12.2
1964	15.5	11.3
1965	12.3	11.5

	<u>MALE.</u>	<u>FEMALE.</u>	<u>TOTAL.</u>
Number of deaths from all causes:	45	30	75
Deaths from cancer of the lungs and bronchus:	4	1	5
Deaths from other forms of cancer:	3	8	11

THEORY OF THE EARTH

CHAPTER	PAGES	DATE
I	1-10	
II	11-20	
III	21-30	
IV	31-40	
V	41-50	
VI	51-60	
VII	61-70	
VIII	71-80	
IX	81-90	
X	91-100	

THEORY OF THE EARTH

CHAPTER	PAGES	DATE
XI	101-110	
XII	111-120	
XIII	121-130	
XIV	131-140	
XV	141-150	
XVI	151-160	
XVII	161-170	
XVIII	171-180	
XIX	181-190	
XX	191-200	

CHAPTER	PAGES	DATE
XXI	201-210	
XXII	211-220	
XXIII	221-230	
XXIV	231-240	
XXV	241-250	
XXVI	251-260	
XXVII	261-270	
XXVIII	271-280	
XXIX	281-290	
XXX	291-300	

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE DURING 1965 IN THE URBAN DISTRICT
OF CONNAH'S QUAY.

CAUSE OF DEATH.	Sex.	Total all ages.	Under 4 wks.	4wks.& under 1yr.	AGE IN YEARS.									
					1	5	15	25	35	45	55	65	75 & over	
Tuberculosis (respiratory).	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis (other).	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilitic disease.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infection.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infective & parasitic diseases.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Malignant Neoplasm (stomach).	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	2	-	-	-	-	-	-	-	-	1	-	1	-
Malignant Neoplasm (lung Bronchus).	M	4	-	-	-	-	-	1	-	1	-	-	2	-
	F	1	-	-	-	-	-	-	1	-	-	-	-	-
Malignant Neoplasm (breast)	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	1	-	-
Malignant Neoplasm (uterus)	F	1	-	-	-	-	-	1	-	-	-	-	-	-
Other malignant & lymphatic neoplasms.	M	3	-	-	-	-	-	-	-	-	-	1	2	-
	F	4	-	-	-	-	-	-	-	2	1	1	1	-
Leukaemia, Aleukaemia.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes.	M	1	-	-	-	-	-	-	1	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
Vascular lesions of nervous system.	M	5	-	-	-	-	-	-	-	1	2	2	2	-
	F	4	-	-	-	-	-	-	1	1	1	1	1	-
Coronary disease, angina.	M	11	-	-	-	-	-	1	1	4	2	3	3	-
	F	2	-	-	-	-	-	-	-	-	1	1	1	-
Hypertension with heart disease.	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	2	-	-	-	-	-	-	-	-	2	-	-	-
Other heart disease.	M	3	-	-	-	-	-	-	-	2	-	1	1	-
	F	1	-	-	-	-	-	-	1	-	-	-	-	-
Other circulatory disease.	M	3	-	-	-	-	-	-	-	-	1	2	2	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-

Date		Description	
1900	Jan 1	Balance forward	100.00
1900	Jan 15	Received from John Doe	50.00
1900	Feb 1	Received from Jane Smith	25.00
1900	Mar 1	Received from Mr. Brown	75.00
1900	Apr 1	Received from Mrs. White	30.00
1900	May 1	Received from Mr. Green	60.00
1900	Jun 1	Received from Mr. Black	40.00
1900	Jul 1	Received from Mr. Grey	80.00
1900	Aug 1	Received from Mr. Blue	20.00
1900	Sep 1	Received from Mr. Yellow	90.00
1900	Oct 1	Received from Mr. Purple	10.00
1900	Nov 1	Received from Mr. Pink	5.00
1900	Dec 1	Received from Mr. Brown	15.00
1900	Dec 31	Balance forward	500.00

Causes of death at different periods of life during 1965
in the Urban District of Connah's Quay -- Continued/---

CAUSE OF DEATH.	Sex	Total all ages	Under 4 wks.	4 wks & under 1 yr.	AGE IN YEARS.										75 & over.
					1	5	15	25	35	45	55	65			
Influenza.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pneumonia.	M	1	-	-	-	-	-	-	-	-	-	-	-	1	
	F	1	-	-	-	-	-	-	-	-	-	1	-	-	
Bronchitis.	M	3	-	-	-	-	-	-	-	-	1	2	-	-	
	F	2	-	-	-	-	-	-	-	-	-	1	1	-	
Other diseases of respiratory system.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ulcer of stomach and duodenum.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gastritis, enteritis, diarrhoea.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	1	-	-	-	-	-	-	-	-	1	-	-	-	
Nephritis & Nephrosis.	M	2	-	-	-	-	-	-	-	1	1	-	-	-	
	F	1	-	-	-	-	-	-	-	-	1	-	-	-	
Hyperplasia of prostate.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pregnancy, childbirth, abortion.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Congenital malformations.	M	2	1	-	-	-	-	-	-	1	-	-	-	-	
	F	1	1	-	-	-	-	-	-	-	-	-	-	-	
Other defined & ill-defined diseases.	M	6	1	-	-	-	-	-	-	-	1	2	2	-	
	F	4	2	-	-	-	-	-	-	-	-	2	-	-	
Motor vehicle accidents.	M	1	-	-	-	-	-	-	-	-	1	-	-	-	
	F	1	-	-	-	-	-	-	-	-	1	-	-	-	
All other accidents.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	1	-	1	-	-	-	-	-	-	-	-	-	-	
Suicide.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Homicide & operations of war.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male.		45	2	-	-	-	-	-	2	4	12	10	15		
Female.		30	3	1	-	-	-	-	1	3	7	10	5		
TOTAL ALL CAUSES:-															

Date		Description		Amount	
1912	Jan 1	Balance		100.00	
	Jan 15	Received from A. B.		50.00	
	Feb 1	Received from C. D.		25.00	
	Feb 15	Received from E. F.		75.00	
	Mar 1	Received from G. H.		100.00	
	Mar 15	Received from I. J.		150.00	
	Apr 1	Received from K. L.		200.00	
	Apr 15	Received from M. N.		250.00	
	May 1	Received from O. P.		300.00	
	May 15	Received from Q. R.		350.00	
	Jun 1	Received from S. T.		400.00	
	Jun 15	Received from U. V.		450.00	
	Jul 1	Received from W. X.		500.00	
	Jul 15	Received from Y. Z.		550.00	
	Aug 1	Received from A. B.		600.00	
	Aug 15	Received from C. D.		650.00	
	Sep 1	Received from E. F.		700.00	
	Sep 15	Received from G. H.		750.00	
	Oct 1	Received from I. J.		800.00	
	Oct 15	Received from K. L.		850.00	
	Nov 1	Received from M. N.		900.00	
	Nov 15	Received from O. P.		950.00	
	Dec 1	Received from Q. R.		1000.00	
	Dec 15	Received from S. T.		1050.00	
	Jan 1, 1913	Balance		1100.00	

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

STAFF:

Medical Officer of Health: Doctor A. Cathcart M.B., Ch.B., D.P.H.
D.T.M. & Hy. (Resigned July, 1965.)

Doctor D.J. Fraser M.B., Ch.B., D.P.H.
(Commenced duties 7th July, 1965).

Public Health Inspector: Mr. C. Stoddard M.A.P.H.I

Additional Public Health Inspector:

Mr. K.W. Hill, M.A.P.H.I.
(Resigned 28th February, 1965).

Mr. F.J. Graham M.A.P.H.I.
(Commenced duties 1st July, 1965).

Clerk: Mrs. J. Roberts.

On the resignation of Doctor A. Cathcart areas for which the Medical Officer of Health is appointed were revised and in addition to being Assistant County Medical Officer he is Medical Officer of Health to the Borough of Flint, the Urban Districts of Connah's Quay, Mold and Buckley and the Rural Districts of Hawarden and Maclor.

The Public Health Inspectors Department is responsible for the supervision of refuse collection and disposal, work under the Public Health Acts, Housing Acts, Food and Drugs Act, Prevention of Damage by Pests Act, Pet Animals Act, Slaughter of Animals Acts, Clean Air Act, Factories Act, 1937 and the Offices Shops and Railway Premises Act, 1963.

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF THE HISTORY OF ARTS
AND ARCHITECTURE

THE HISTORY OF ARTS AND ARCHITECTURE

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LABORATORY FACILITIES:

1. Public Health Laboratory Service, Conway.
2. Royal Infirmary, Chester.
3. Public Health Laboratory Service, City Hospital, Chester.
4. Messrs. Ruddock & Sherratt, Public Analyst, Watergate Street, Chester.

NURSING IN THE HOME:

The nursing of non-infectious sick is provided by the Flintshire County Council under the National Health Service Act, 1948. Home help is provided in the District.

CLINICS:

The Flintshire County Council have opened a new Clinic at the Civic Centre, Wopre Drive, Connah's Quay and the following clinics are held:-

Maternity & Child Welfare Clinic:-	Weekly.
Dental clinic for children and expectant mothers:-	Weekly.
Speech Therapy:-	Weekly.
Handicraft class for physically handicapped adults:-	Weekly.
Paediatric Clinic:-	Monthly.
Antenatal Clinic:-	Weekly.
Blood Transfusion Service:	Half Yearly.

The Mental Welfare Officer for the Deeside Area and Home Visitor to handicapped persons on the staff of the County Medical Officer have offices in the building.

A voluntary staff attend the Maternity and Child Welfare Clinics to distribute baby foods.

HOSPITALS:

1. The Liverpool Hospital Regional Board (which includes Chester).
2. Clwyd and Deeside Management Committee.

MEALS ON WHEELS:

A meals on wheels service supplies hot meals to elderly people twice a week.



SECTION C.
SANITARY CIRCUMSTANCES IN THE AREA.

The Central Flintshire Water Board is responsible for the water supply for the Urban District which is drawn from the Alwon Aquaduct, the local source having been abandoned.

During the year 41 samples of water from various parts of the District were submitted to the Public Health Laboratory Service by the Health Department for examination and were found to be satisfactory.

Three samples were examined by the Public Analyst who reported as follows:-

ANALYSIS:

	Sample 1. <u>1. 7.65.</u>	Sample 2. <u>16. 6. 65.</u>	Sample 3. <u>1. 6. 65.</u>
Appearance.....	Clear & Colourless.	Clear & Colourless.	Very slightly Cloudy.
Odour.....	Nil.	Nil.	Nil.
Reaction, pH.....	7.5	8.1	8.0
	- parts	per million	-
Total solids.....	72	62	68
Nitrogen as free & saline ammonia	0.005	0.02	0.04
Nitrogen as albuminoid ammonia..	0.0	0.001	0.00
Nitrogen as nitrites.....	Very slight tracc.	Trace.	Nil
Nitrogen as nitrates.....	0.0	0.5	0.5
Chlorides, as Cl.....	17	18	17
Oxygen absorbed from permanganate in 4 hours at 27°C..	1.6	1.6	1.3
Total hardness.....	28	30	32
Temporary hardness.....	24	20	24
Permanent hardness.....	4	10	8
Alkalinity.....	24	20	24
Free Chlorine.....	Nil	Nil	Nil
Potassium, as K.....	-	-	-
Anionic synthetic detergents.....	-	-	-
Manganese, as Mn.....	0.05	0.075	Less than 0.025
Cyanides & thiocyanates.....	Nil	Nil	Nil
Poisonous metals : zinc, copper lead.....	Nil	Nil	Nil

OPINIONS:

Sample 1. The chemical condition of this water is satisfactory.

Sample 2. The chemical condition of this water is satisfactory.

Sample 3. The chemical condition of this water is satisfactory.

(1) DRAINAGE AND SEWERAGE.

Mr. P. Hampson, the Council's Engineer and Surveyor has given the following notes dated 25th May, 1966:-

"Although the new Sewage Works were opened early in 1965, the rapid growth of housing development within the district has now brought the sewage flow up to capacity of the works. The Council's Consulting Engineers, Ward, Ashcroft and Parkman, have been instructed to prepare a scheme for the extension of the works to bring its capacity to 20,000 population.

Tenders have been accepted and are awaiting Ministry approval for the construction of a pumping station, rising main and new sewer to cater for the village of Northop Hall. The sewage from this village is to be treated at the Connah's Quay Urban District Council Works.

Due to the development planned for the period up to 1970 and from 1970 - 1980, a survey has to be carried out and a scheme prepared for the provision of main drainage to cater for this area. "

(2) RIVERS AND STREAMS:

There are two streams flowing into the River and since the opening of the new sewage works during the year there has been a marked decrease in the pollution of the banks of these streams.

(3) PUBLIC CLEANSING.

Public cleansing is carried out satisfactorily.

(4) REFUSE COLLECTION AND DISPOSAL.

A weekly collection of household refuse was maintained during the year. This refuse is disposed of by controlled tipping on a centrally situated site. This tip is levelled daily by using a Ferguson Tractor fitted with an earthmover blade and covering material is obtained from a sandpit owned by the Council.

Insecticides are used to control insects, and the Rodent Operator carries out regular control measures against rats.

(5) SMOKE ABATEMENT.

Because of doubts regarding the availability of solid smokeless fuels no steps have been taken to extend the existing smoke control area during the year under review but the Council have considered the question of extensions to the Area and it is hoped that it will be possible to commence work on this during the next year.



(6) SWIMMING BATH AND POOLS.

Mr. W.H. Camps, the Manager of the Council's Swimming Bath and Assembly Hall has supplied the following information on the Swimming Bath:-

"The Swimming Bath was opened on the 12th August, 1961. It lies on the South Side of the Civic Centre. The size of the pool is 110 ft. long and 42 ft. wide, this length allows for National Events to be held there. It is 3 ft. deep at the shallow end and 11 ft. 6 ins. at the deep end.

The whole of the bath surround is tiled with non-slip tiles, and the pool is tiled with blue tiles, this gives a very pleasant effect upon the water.

The bath is provided with a 1 metre and a 3 metre spring board, also a 3 metre firm board, so diving competitions can take place.

Alongside the Bath are the changing rooms, and clothes storage rooms, shower baths, and foot baths and toilets are conveniently placed for the use of the bathers.

The pool holds 188,000 gallons of water, every 4 hours this water goes through a filtration and sterilisation process, it is drawn by pumps from the deep end of the pool, it then goes through strainers, and then on to the sand pressure filters. After filtrations, it is re-heated and chlorine is then injected into it to sterilise it.

The chlorine is used not only as a sterilising agent, although that is its main function, but also as an active strong oxidising agent performing many other useful functions in the process of water treatment.

The water is then returned to the pool at the shallow end of the bath.

The Bath Staff take tests every 3 hours to ensure that the water is kept at the very high standard laid down by the Ministry of Health. The Public Health Inspector also takes samples from the pool at varying times, these are sent to a Laboratory where the water is put through a much stricter test than can be carried out at the Baths, reports of these samples are sent to the Medical Officer of Health and the Public Health Inspector and myself.

The heat for the bath is produced by 2 oil burning boilers and is thermatically controlled. These boilers also supply the hot water for the showers and wash basins etc.

The following number of people attended the bath in 1965:-

Adults	. . .	82,876.
Juniors	. . .	103,274.
Spectators	. . .	26,676.

212,826.

Season tickets sold	. 118.
Swimming Lessons	3,104.

<u>School Children:</u>	
Flintshire Schools	33,872.
Private Schools	606.

During the year 62 samples of water were taken from the bath for bacteriological examination and found to be satisfactory.

The first part of the paper discusses the importance of the study of the history of the United States. It is argued that a knowledge of the past is essential for a full understanding of the present. The author then goes on to discuss the various factors which have shaped the development of the United States, including the influence of the British, the Spanish, and the French. He also discusses the role of the American people in the creation of the nation. The second part of the paper is a detailed account of the American Revolution. It begins with the signing of the Declaration of Independence in 1776, and continues through the end of the war in 1783. The author describes the various battles and events which took place, and the role of the various leaders of the revolution. He also discusses the impact of the revolution on the American people, and the role of the new government. The third part of the paper is a discussion of the American Civil War. It begins with the outbreak of the war in 1861, and continues through the end of the war in 1865. The author describes the various battles and events which took place, and the role of the various leaders of the war. He also discusses the impact of the war on the American people, and the role of the new government. The fourth part of the paper is a discussion of the American West. It begins with the exploration of the West in the 18th century, and continues through the settlement of the West in the 19th century. The author describes the various events which took place, and the role of the various leaders of the West. He also discusses the impact of the West on the American people, and the role of the new government. The fifth part of the paper is a discussion of the American South. It begins with the settlement of the South in the 17th century, and continues through the end of the Civil War in 1865. The author describes the various events which took place, and the role of the various leaders of the South. He also discusses the impact of the South on the American people, and the role of the new government. The sixth part of the paper is a discussion of the American future. It begins with the end of the Civil War in 1865, and continues through the present. The author discusses the various challenges which the United States has faced, and the role of the American people in the future of the nation. He also discusses the role of the new government in the future of the nation.

The author concludes the paper by stating that the study of the history of the United States is a vital part of the education of every American. He argues that a knowledge of the past is essential for a full understanding of the present, and for the ability to make wise decisions for the future. He also argues that the study of the history of the United States is a way to learn about the values and principles which have shaped the nation, and to understand the role of the American people in the creation of the nation. He ends the paper by stating that the study of the history of the United States is a way to learn about the values and principles which have shaped the nation, and to understand the role of the American people in the creation of the nation.

(7) ATMOSPHERIC POLLUTION.

At the end of 1959 two stations were equipped for the measurement of atmospheric pollution at Bryn Deva School and Wepre Hall Gardens.

The monthly readings during 1965 compared with 1964 were as follows:-

(a) MEASUREMENT OF SULPHUR DIOXIDE WITH LEAD PEROXIDE APPARATUS.

MONTH	BRYN DEVA SCHOOL.		WEPRE HALL GARDENS.	
	1964.	1965.	1964.	1965.
January	1.94	1.82	0.73	0.81
February	1.8	1.64	0.7	0.96
March	2.37	1.52	1.11	0.69
April	0.84	1.05	0.37	0.39
May	0.56	0.49	0.33	0.30
June	0.44	0.54	0.16	0.29
July	0.36	0.54	0.14	0.27
August	0.46	0.48	0.16	-
September	0.53	0.52	0.33	0.24
October	1.18	1.47	0.31	0.37
November	1.51	1.93	0.64	0.77
December	1.82	0.96	0.81	0.33
Average Monthly Reading.	1.15	1.08	.48	.45



(B) MEASUREMENT OF DEPOSITED MATTER AT BRYN DEVA SCHOOL.

Month	Rainfall in inches		Ph Value		Deposited Matter Tons per square mile.							
					Soluble		Insoluble		Ash		Total	
	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965	Solids.	
January	0.39	-	5.2	-	3.46	-	2.35	-	1.95	-	5.81	-
February	0.55	-	5.4	-	8.76	-	0.91	-	0.40	-	9.67	-
March	2.32	-	5.1	-	6.41	-	1.88	-	1.14	-	8.29	-
April	1.50	-	5.5	-	4.69	-	4.13	-	2.35	-	8.83	-
May	1.62	-	4.6	-	6.14	-	0.37	-	0.30	-	6.51	-
June	1.30	-	6.5	-	13.96	-	3.56	-	0.64	-	17.52	-
July	1.38	3.19	5.0	4.4	10.74	7.73	1.41	5.92	0.77	1.95	12.15	13.65
August	1.89	1.42	5.3	5.4	21.08	4.41	1.17	0.92	0.51	0.65	22.25	5.33
Sept.	1.06	4.73	5.3	4.0	9.06	8.70	0.97	4.66	0.50	3.22	10.03	13.36
Oct.	1.97	0.95	5.3	4.0	10.60	5.40	1.58	5.83	0.84	1.75	12.18	11.23
Nov.	-	2.76	-	4.0	-	9.56	-	4.01	-	2.88	-	13.57
Dec.	-	3.86	-	5.2	-	7.86	-	2.98	-	0.68	-	10.85
Average Monthly Deposit.	1.16	1.40	4.43	2.25	7.9	3.64	1.52	2.03	0.43	1.13	13.24	67.99

Due to the deposit gauge being broken there are no results for November and December, 1964 and from January to June, 1965.

Date		Description		Amount	
1890	Jan 1	Balance		100.00	
1890	Jan 15	Received from John Doe		50.00	
1890	Feb 1	Received from Jane Smith		25.00	
1890	Mar 1	Received from Mr. Brown		75.00	
1890	Apr 1	Received from Mrs. White		30.00	
1890	May 1	Received from Mr. Green		40.00	
1890	Jun 1	Received from Mr. Black		60.00	
1890	Jul 1	Received from Mr. Grey		20.00	
1890	Aug 1	Received from Mr. Blue		15.00	
1890	Sep 1	Received from Mr. Yellow		10.00	
1890	Oct 1	Received from Mr. Purple		5.00	
1890	Nov 1	Received from Mr. Pink		3.00	
1890	Dec 1	Received from Mr. Brown		2.00	
1890	Total			440.00	

25

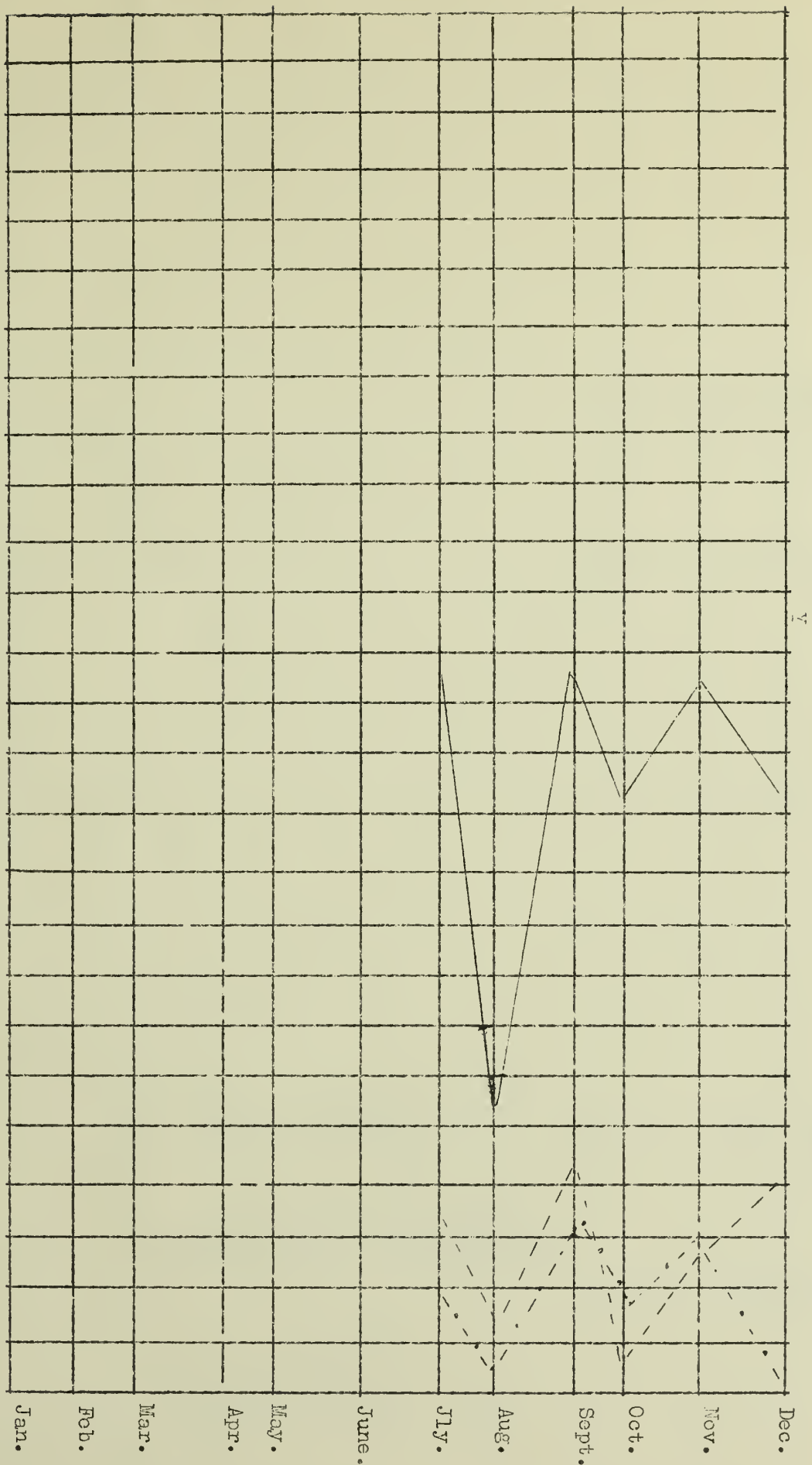
20

15

10

5

0



DEPOSIT GAUGE AT BRYN DEVA SCHOOL - MONTHLY DEPOSIT IN TONS

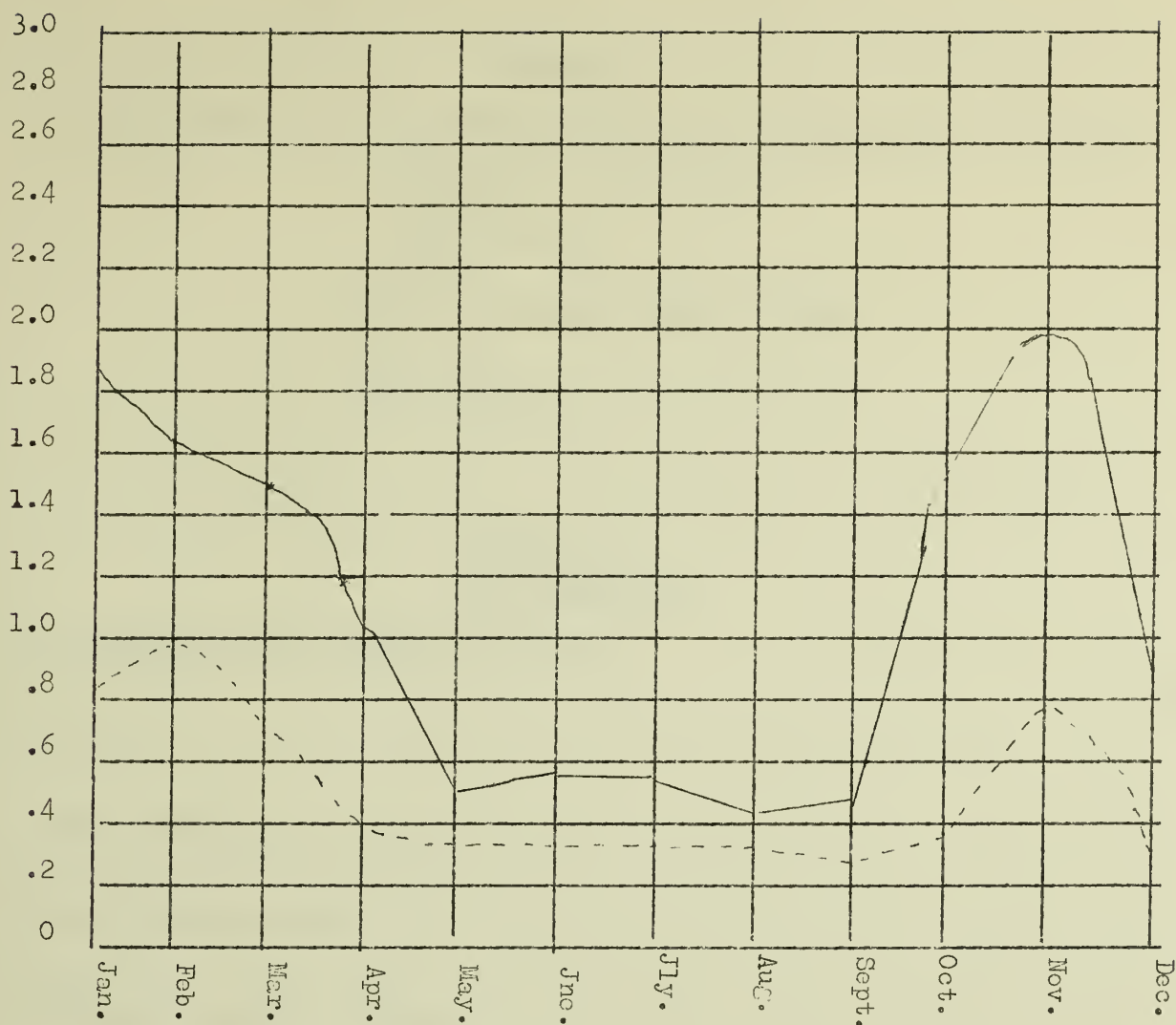
PER SQUARE MILE.

DURING THE PERIOD - JANUARY, 1965 to DECEMBER, 1965.

Inches of Rain

Ash (in tons per sq. mile)

Total Solids (in tons per sq. mile)



THE ABOVE IS A GRAPH TO SHOW Mgs OF
 SC^3 PER DAY COLLECTED BY 100 SQ. CMS.
 OF BATCH 'A' PbO^2 .

COLLECTED DURING THE PERIOD.
JANUARY, 1965 TO DECEMBER, 1965.

APPARATUS.

BRYN DEVA SCHOOL _____
 WEPRE HALL GARDENS - - - - -

SECTION D.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES GENERALLY.

NOTIFICATIONS DURING 1965.

MEASLES..... 17
SCARLET FEVER..... 6

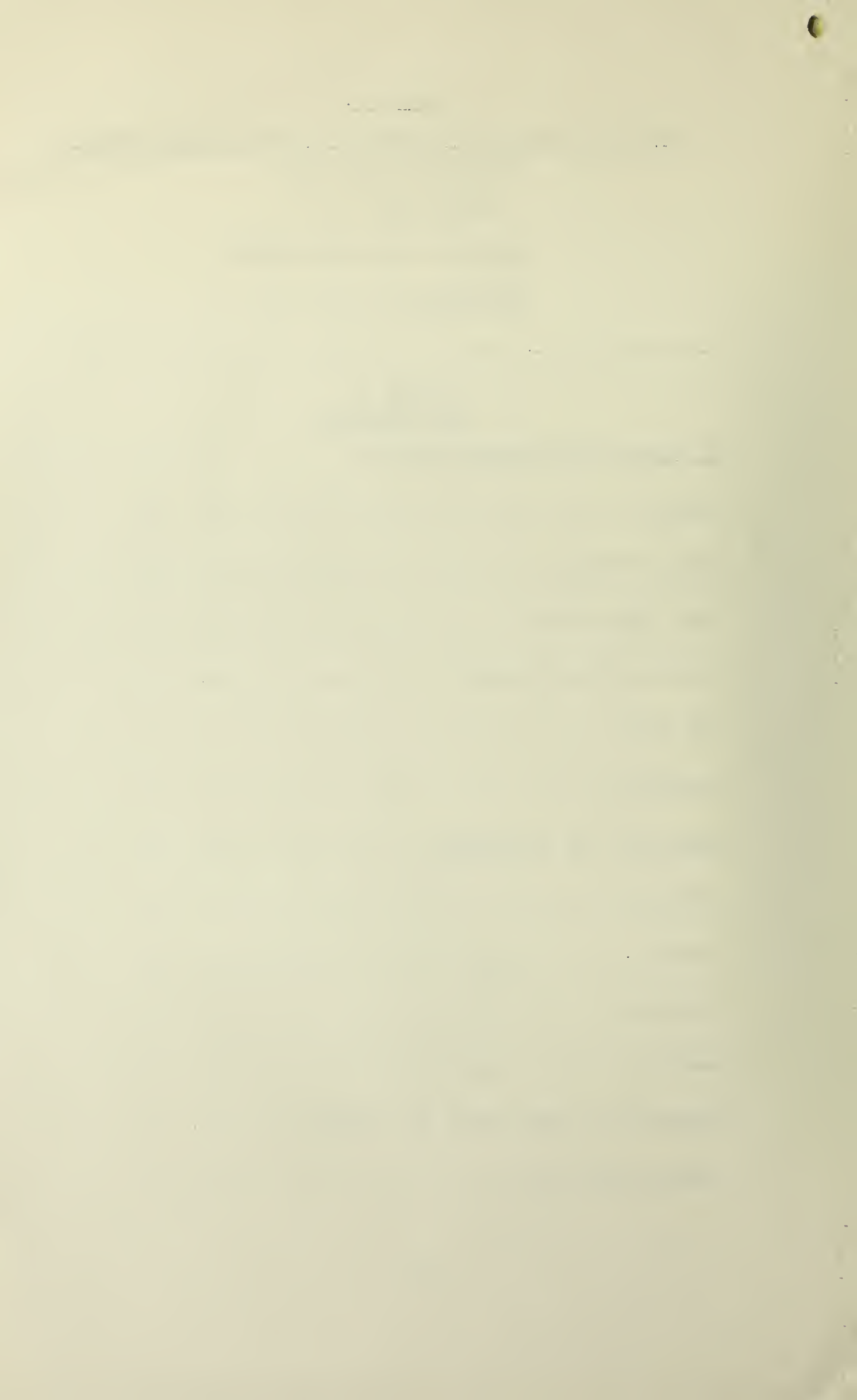
TUBERCULOSIS (NEW CASES NOTIFIED).

PULMONARY 4
NON-PULMONARY..... 0

SECTION E.
FOOD SUPERVISION.

(1) NUMBER OF FOOD PREMISES IN THE AREA.

BUTCHERS.....	11
LICENSED PREMISES.....	10
CAFES, RESTAURANTS ETC.....	5
CANTEENS AND SCHOOL KITCHENS.....	6
FISH FRIERS.....	5
FISHMONGERS.....	0
GREENGROCERS AND FISHMONGERS.....	9
GREENGROCERS.....	9
GROCERS.....	28
BAKEHOUSES.....	1
GENERAL.....	5
MANUFACTURE OF COOKED MEATS AND SAUSAGES.....	4
WHOLESALE MEAT SUPPLY.....	1



(2) NUMBER OF PREMISES REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT, 1955.

1.	...	For the manufacture, storage and sale of ice cream (complete cold mix).	-
2.	...	For the storage and sale of ice cream.	25
3.	...	For the manufacture of cooked meats and sausages.	4

(3) NUMBER OF INSPECTIONS OF REGISTERED FOOD PREMISES.

1.	...	Ice cream premises.	58
2.	...	Manufacture of cooked meats and sausages.	69

(4) EDUCATIONAL ACTIVITIES.

Publicity material was distributed to various food premises and schools.

(5) METHOD AND DISPOSAL OF CONDEMNED FOOD.

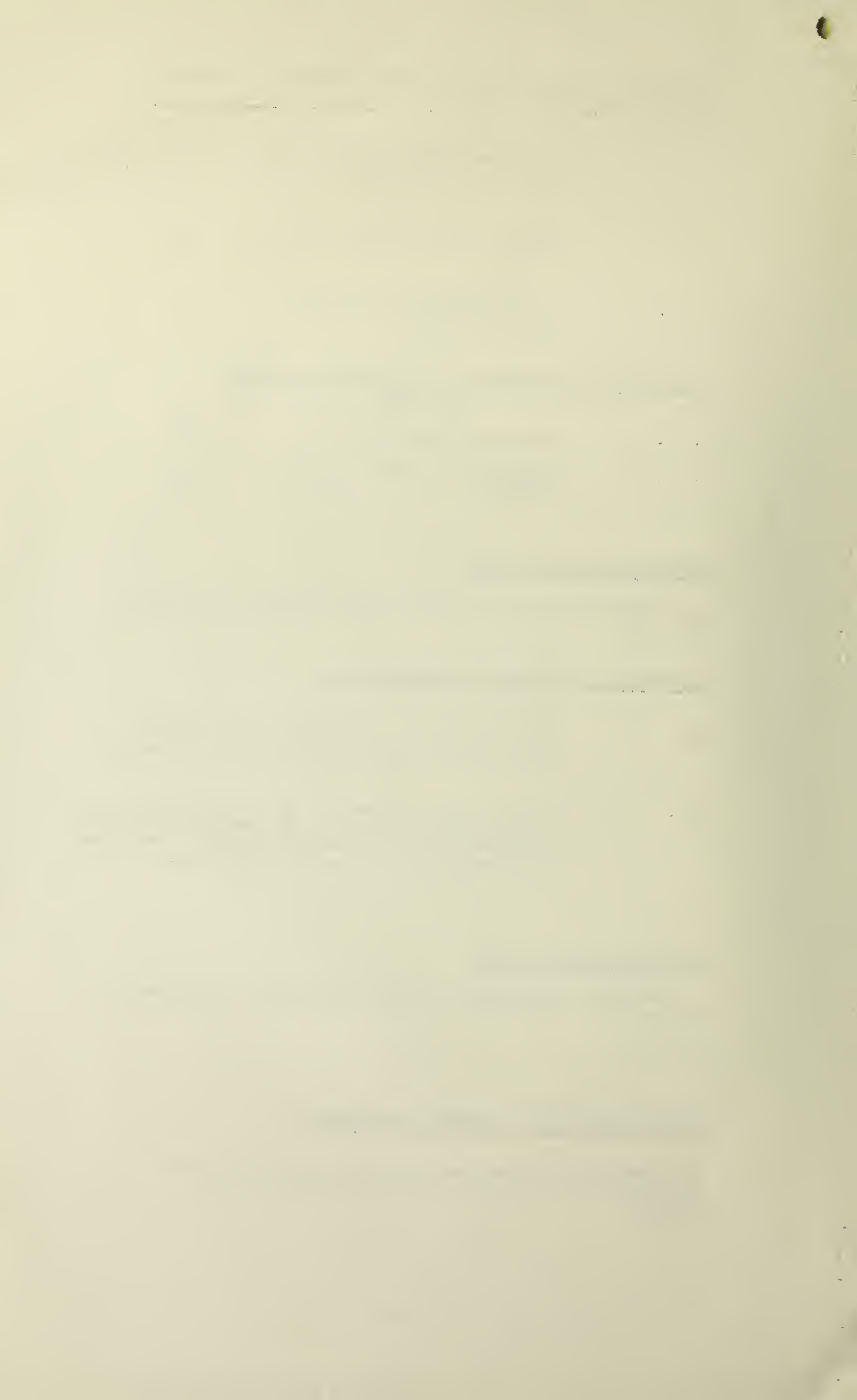
- (a). ... Tinned goods etc., are buried in the Council's refuse tip after all containers have been opened.
- (b). ... Meat and offal condemned at the slaughterhouse in the district is dyed and the owners are permitted to dispose of it to an animal by-product firm in the neighbouring district, and to a mink farm.

(6) SPECIAL EXAMINATIONS.

No special examination were made of any stock or consignment of food.

(7) ICE CREAM HEAT TREATMENT REGULATIONS.

Samples were taken from retailers registered for the storage and sale of ice-cream and were reported on as follows:-



ICE CREAM SAMPLES.

Grade 1	...	5
Grade 2	...	-
Grade 3	...	1
Grade 4	...	-

All registered retailers sell pre-packed ice-cream. A number of retailers from outside the area visit the District in the evenings and at weekends selling loose ice-cream, mainly in vehicles fitted for the manufacture and sale of soft ice-cream.

The standard of hygiene in these vehicles was satisfactory.

(8) FOOD HYGIENE REGULATIONS.

No serious breach of the Regulations were found during the year, but the difficulties caused by frequent changes of staff were still met and the failure to use facilities provided.

(9) MEAT INSPECTION.

There are 2 licensed slaughterhouses in the district, of which one is a small slaughterhouse handling the requirements of the Occupier, while the other slaughterhouse is operated by a Wholesale Supply Company which supplies meat in the Deeside Area and part of Cheshire.

Most of the slaughtering is carried out in the late afternoon and evenings on Monday's, Tuesday's and Wednesday's and Sunday mornings and afternoons. To carry out an efficient inspection of this meat it has been necessary for the inspection to be made outside normal hours and 323 hours overtime were worked during the year.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle Ex Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.	Horses.
Number Killed.	1128	-	-	9181	1624	-
Number Inspected.	1128	-	-	9181	1624	-

ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI.

Whole carcass condemned.	-	-	-	-	3	-
Carcass of which some part or organ was condemned.	158	-	-	92	75	-
Percentage of the number inspected affected with disease other than tuber- culosis and cysticerci.	14.	-	-	1	4.8	-

TUBERCULOSIS ONLY.

Whole carcasses condemned	-	-	-	-	-	-
Carcass of which some part or organ was condemned.	1	-	-	-	17	-
Percentage of the number inspected affected with tuberculosis.	1	-	-	-	1.0	-

CYSTICERCOSIS.

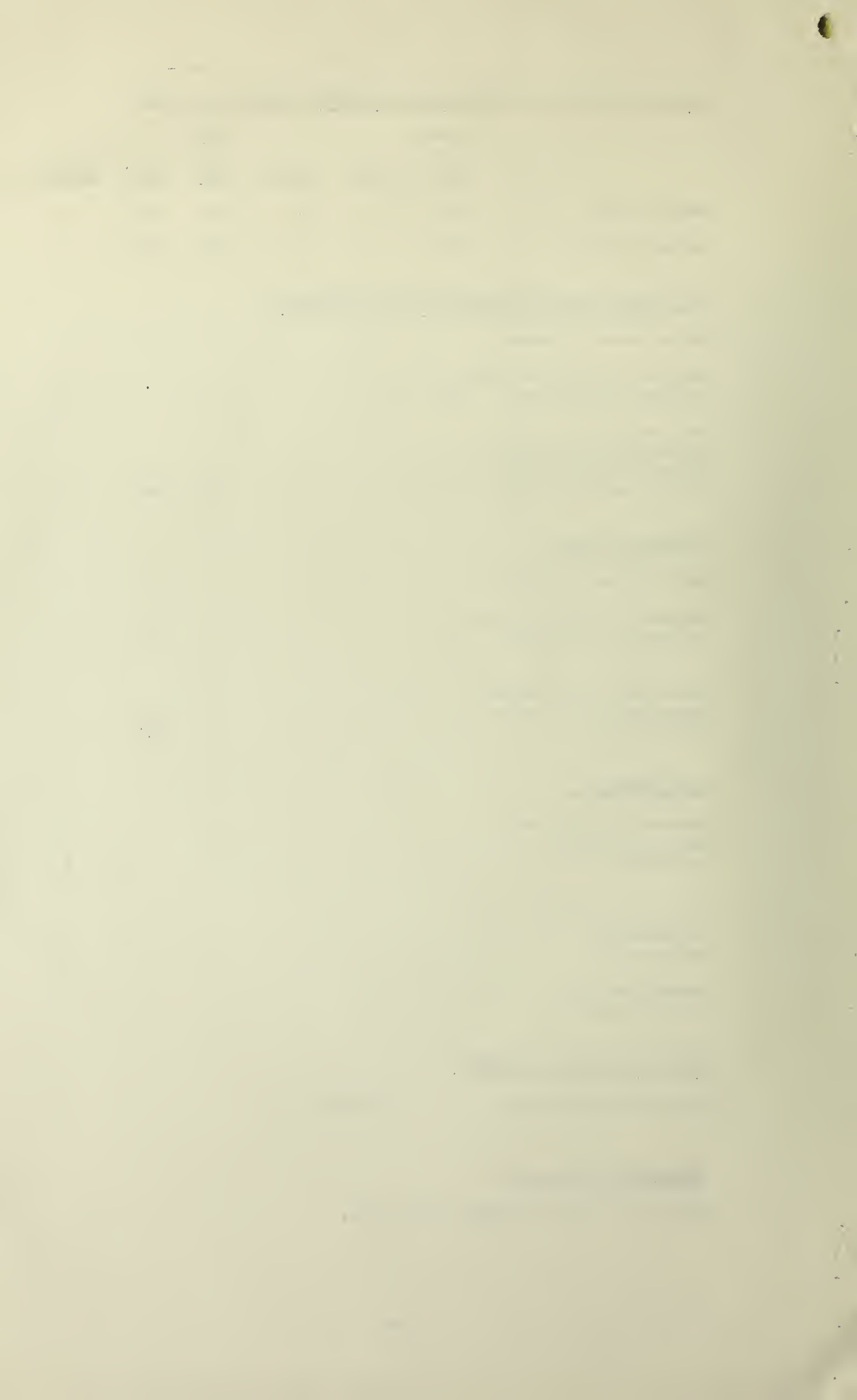
Carcass of which some part or organ was condemned.	6	-	-	-	-	-
Carcass submitted to treatment by refrigeration.	6	-	-	-	-	-
Generalised and totally condemned.	-	-	-	-	-	-

OTHER FOOD STUFFS CONDEMNED.

Items of food weighing. 278 lbs.

SHELL-FISH (Mollusca).

There are no shellfish beds in the area.



APPENDIX.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH IN RESPECT OF
THE YEAR 1965 FOR THE URBAN DISTRICT COUNCIL OF CONNAH'S QUAY
IN THE COUNTY OF FLINTSHIRE.

Prescribed Particulars on the Administration
of the Factories Act, 1937.

PART 1 OF THE ACT.

1. - INSPECTIONS for purposes of provisions as to health (including inspections made by the Public Health Inspector).

<u>Premises.</u>	<u>Number on Register</u>	<u>Inspections.</u>	<u>Written Notices.</u>	<u>Occupiers Prosecuted.</u>
(1)	(2)	(3)	(4)	(5)
(1) Factories in which Sections 1, 2,3,4 & 6 are to be enforced by Local Authorities.	-	-	-	-
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	25	15	3	
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises).	13	16	-	-
TOTAL:	38	31	3	-

(2) CASES IN WHICH "DEFECTS" WERE FOUND (IF THE DEFECTS ARE DISCOVERED ON 2, 3 OR MORE SEPARATE OCCASIONS THEY SHOULD BE RECKONED AS 2, 3 OR MORE 'CASES').

PARTICULARS. 1.	NUMBER OF CASES IN WHICH DEFECTS WERE FOUND.				NUMBER OF CASES IN WHICH PROSECUTIONS WERE INSTITUTED. 6.
	FOUND. 2.	REMEDIED 3.	To H.M. INSPECTOR 4.	By H.M. INSPECTOR 5.	
Want of cleanliness (S.1.)					
Overcrowding (S.2.)					
Unreasonable Temperature (S.3.)					
Inadequate Ventilation (S.4.)					
Ineffective drainage of floors (S.6.)					
Sanitary Conveniences (S.7.)					
a) Insufficient.					
b) Unsuitable or defective.					
c) Not separate for sexes.					
Other offences against the Act (not including offences relating to outwork.)					
TOTAL:					

PART VIII OF THE ACT.
OUTWORK.

(Sections 110 & 111).

There are no outworkers registered in this District.

THE FOLLOWING IS A SUMMARY OF THE WORK CARRIED OUT
UNDER THE OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963.

TABLE A.
Registrations and General Inspections.

Class of Premises	Number of premises registered during the year.	Total Number of Registered Premises at end of the year.	Number of registered premises receiving a general inspection during the year.
(1)	(2)	(3)	(4)
Offices.....	-	19	11
Retail Shops.....	4	45	36
Wholesale Shops, Warehouses.....	-	-	-
Catering Establishments open to the Public, Canteens.....	-	10	2
Fuel Storage Depots.....	-	-	-

TABLE B.

Number of Visits of all kinds by Inspectors to registered premises.

133

TABLE C.

Analysis of persons employed in registered premises by workplace.

Class of Workplace	Number of Persons Employed.
(1)	(2)
Offices.....	83
Retail Shops.....	107
Wholesale Departments, Warehouses.....	-
Catering establishments open to the public.- Canteens.....	46
Fuel Storage Depots.....	-
TOTAL	236
Total Males	100
Total Females	136

